

A<sup>1</sup>  
a change in the weight of the load and [formulating]  
formulates data indicative of hauling conditions of the  
vehicle. Pressure data and indications of changes in the  
data are used by the sensor processing unit to establish a  
historical data base from which various hauling parameters  
may be monitored either by the sensor processing unit  
itself or by a remotely located central station linked to  
the on-board processing unit. Preferably, additional  
sensors are added to the vehicle to provide additional  
data that, when taken with the weight data, provides a  
historical data base which more completely reflects  
vehicle operating conditions. The accumulated data of the  
historical data base are used to formulate management  
decisions directed to the future operation of the vehicle  
and with this operation then intended to achieve a  
predetermined management goal. EA

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In the Title:

Delete the phrase "and method".

In the Claims:

Please amend claims 1-30 and add new claims 31-36.

1. (Once Amended) [(Comment: Load plus historical  
data base)] A system for acquisitioning and accumulating  
data indicative of haulage events executed by [the  
operation of] a haulage vehicle, [said] the system  
comprising: